

1	CTGCAGTCCG	GAGATGAAAG	CACCACTGTG	TGTACCCCAT	CAGCGTGGTC
51	CCGCAGGCCA	TGATTTTTGT	CACAGACTCA	ATGACTACCG	GACGCACTGA
101	ACCTTCCGGT	TGTTTCTCCA	GCCAGTTAAG	CCAGCGGTTT	CCCTGCTGAA
151	AAATGTCGGC	AAAACGGGGA	AGCATCAGAA	GGGCGGGGGA	ACTCCGTCCG
201	GCCAGTGAAC	CGTGCCACAC	TCCGGGCAGT	ACATGCCGCC	GGCGCTGATA
251	CCGGCAAGAA	TGGTCGCAAA	CTCCCGCTCC	GTGCAGCGGG	CTATTTTCAGG
301	ATACCCTTCG	TCATCAACAC	GTACAAACCA	GAAGACCAGC	TTTTTGTTTT
351	TGACATCCAC	AAAGAAGGGA	ATATTCAGGT	CTGCGCAGCA	CTCAACGGCA
IS91	← katP →				
401	TCGTCAGTTG	CGGCTTGGAA	CCCCTTAGTA	TTTTTTGTCT	GTAGTATCTA
451	TCCCAGCAAT	AGGTATATCC	TGTTGCATCA	ATAAAGTTGA	CTTTTGTATA
501	CAACATGCGA	ATTTCCCTTA	ATCCGGAGCT	ATTCGTATGA	TAAAAAAAC
551	TCTTCCTGTT	CTGATTCTTC	TGGCGCTATC	GGGGAGCTTT	TCTACCGCTG
601	TAGCCGCTGA	TAAAAAAGAG	ACTCAAAATT	TCTACTATCC	AGAAACACTG
651	GATTTAACCTC	CTCTGAGATT	ACACAGCCCT	GAATCAAATC	CCTGGGGGGC
701	TGATTTTGAT	TATGCCACCA	GATTTCACAA	GCTGGATATG	GAGGCTCTGA
751	AAAAAGATAT	CAAAGATTG	CTGACAACTT	CCCAGGATTG	GTGCCCTGCG
801	GATTATGGTC	ATTATGGTCC	TTTCTTTATT	CGTATGGCTT	GGCACGGTGC
851	CGGAACATAC	AGGACATATG	ATGGCCGGGG	AGGCGCCAGT	GGTGGTCAGC
901	AACGTTTTGA	ACCGCTGAAC	AGCTGGCCGG	ATAACGTTAA	TCTGGATAAA
951	GCCCCGTCGAT	TGCTGTGGCC	AGTCAAGAAA	AAATACGGCT	CCAGTATTTT
1001	CTGGGGAGAC	CTGATGGTCC	TGACTGGTAA	TGTTGCCCTT	GAATCCATGG
1051	GATTTAAAC	GCTGGGATTT	GCTGGCGGAA	GAGAAGATGA	CTGGGAGTCG
1101	GACCTGGTAT	ACTGGGGGCC	TGACAACAAG	CCTCTTGCAG	ATAACCGGGA
1151	TAAAAACGGG	AAACTTCAGA	AACCTCTTGC	CGCCACGCAG	ATGGGACTTA
1201	TTTATGTCAA	TCCTGAAGGC	CCCGGTGGAA	AACCAGATCC	TCTGGCTTCC
1251	GCGAAAGATA	TCAGGGAAGC	TTTTTCACGT	ATGGCCATGG	ATGATGAGGA
1301	GACTGTGGCC	CTGATCGCGG	GAGGGCATA	ATTTGGTAAA	GCACATGGTG
1351	CAGCGTCTCC	TGAAAAATGT	ATTGGCGCAG	GGCCTGATGG	TGCACCTGTG
1401	GAGGAGCAGG	GACTGGGATG	GAAAAATAAA	TGTGGTACAG	GAAACGGCAA
1451	ATATACCATC	ACCAGTGGCC	TGGAAGGAGC	CTGGTCGAC	

FIG. 1

1	CTGCAGGAGA	TGGAAAAAAA	GCCAAAATAA	AAAATTGCCC	ATCCCAGCGC
51	GCTCCAGCTG	AAAGTAGGCC	TGTTCTGTCC	GGTATTTAAA	TGCATTGACC
101	GTCCCCGTAT	TTAAACAATG	TGATAAATTA	CTCCGTTACC	GGAAAACCGC
151	TGAACAAAAT	TCGGGCTGAA	AAGAGGATCC	GCCGTTATCT	GTTGCATTTC
201	CCCTTAGCCT	GACTAGCCAG	AGACACAATG	ATCTGTGCCG	TTCTGTTAAT
251	ATCAAACCGG	TACTCAATAT	CTTCTCTGGC	GCTGGCTGCC	ATCATCCGGA
301	AGCGTTCCGG	TCGGGATAAA	AAATCGCGCA	GTGCGCCGGT	CCATGCAGAC
351	ACATCCCCCA	CGGGTAACAG	CGTCCCTGTC	ACATTCTTCT	GAATGACATC
401	AGGGATCCCG	CCCGTCTCAC	TGGCGATAAC	GGGCACGCCG	GAGACTGACG
451	CTTCAGCCAG	TACCATACCA	AACGCTTCAT	TTTCCGAAGG	CATGACCACC
501	ACACTGGCAA	TCCGGTAGAC	CGGTAACGCT	GGGAAAAGGG	CACCTGCCAT
551	TAACACATCT	CCGCTCATTC	CCAGGTGTTT	TGTCTGCTGA	CGCAGACGTG
601	CTTCGTATTC	TTACGCCCCG	GCGCCCACCA	CGAGCCAGCG	AAATGATTTT
651	CCTTCCATCT	TCAGCTGATA	CAATACACGC	AGCATAAATT	CATGTCCTTT
701	TTCGGGACGT	AGCATCCCCA	CCTGAACGAT	AAGCGGAACA	TTGTCTGCTG
751	ATGCAGCCCA	GCGGTGGATA	TGCAGGGGTA	ACGGTCGCAT	GGCTTCATTA
801	TGCAATGCGG	GCCAGTCGAA	ACCCGGTGGA	ATAACCGTTA	CCGGTGTCTT
851	GACACCTTCC	GCCATCAGAT	GCGCCATCAT	GGGTGAGATA	GGCACAACAA
901	TGAAATCACA	CAGATAATTC	AGGGAAAACG	TTCTGGTCTT	ACGGGTGATG
951	TAGGTTTTTT	GTCTGACAAT	AGTGAAGCGG	TGACAGCATA	TCAGACGGCT
1001	CAGTCCTGCT	ATATTACTGT	CATGGCCACT	ATGGCAGATG	ACCAGATCAG
1051	GTTTAAATTC	CCCGATAATC	CGTCGAAGTC	TGAGGATGGA	AGGAAGGTGA
1101	AGGCTGTTCC	TGAAAGGAAT	AAAAGTGACA	TCATGCCCTC	TTTTTCTGGC
1151	TTCCGGAGCA	ATTTTACTTT	TTTCTCTGCA	G	

FIG. 2